

Estimates of Storage Volumes in South Platte River Basin Alluvium¹
(Based on data from the SPDSS and SB06-193 studies)

South Platte Subregion²	Unsaturated Volumes³	Saturated Volumes⁴
1. SP - Denver Metro	353,000	479,000
2. SP - Metro to Greeley	169,000	920,000
3. Cache la Poudre River	291,000	859,000
4. Upper Beebe/Box Elder	268,000	494,000
5. Lower Beebe/Box Elder	61,000	259,000
6. SP - Greeley to Ft. Morgan	94,000	1,143,000
7. Upper Lost Creek	1,260,000	925,000
8. Lower Lost Creek	157,000	348,000
9. Upper Kiowa Creek	234,000	298,000
10. Lower Kiowa Creek	806,000	580,000
11. Upper Bijou Creek	466,000	450,000
12. Lower Bijou Creek	1,067,000	1,406,000
13. Badger/Beaver Creek	311,000	600,000
14. SP - Ft. Morgan Area	968,000	2,055,000
15. SP - Balzac to State Line	890,000	4,058,000
Total Volumes	7,395,000	14,874,000
Subtotal for Mainstem	2,474,000	8,655,000
Subtotal for Tributaries⁵	4,921,000	6,219,000
Subtotal for Designated Basins⁶	3,990,000	4,007,000

Notes:

1. Volumes rounded to the nearest 1,000 acre-feet.
2. Subregions defined in Figure 4 of SB06-193 Study. 'SP' denotes areas along mainstem of South Platte River. Subregion 16 (South Park) not included in volume calculations due to lack of data.
3. Unsaturated volumes exclude the upper 10 feet; from Table 2 of SB06-193 Study. Assumes 20% porosity.
4. Saturated volumes are from average water table surface to base of alluvium. Assumes 20% porosity.
5. Tributaries include all subregions that do not have 'SP' in the subregion name.
6. Designated Basins include Upper and Lower Lost, Kiowa and Bijou Creek subregions.